

FIG. 3 60 62 SWITCH CORE FUSED TDM/ATM SWITCH CARD HIGH CAPACITY 82 ATM SWITCH CARD TSI 68 11 66 64 80 HIGH CAPACITY 74 ATM SWITCH ATM SWITCH **UNIBUS** 72 -~ 70 ~ 72 HSA BUS TSB BUS HSA BUS ~76 78-LINE LINE LINE LINE CARD 31 CARD 1 CARD 2 CARD 32 40 40 40 40

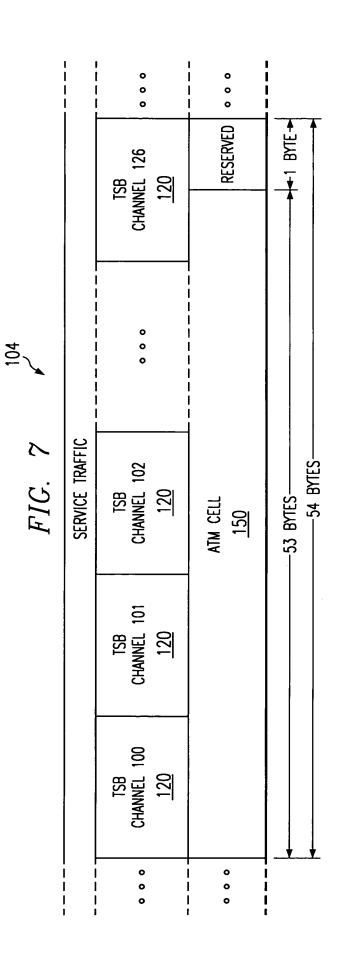
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|---|---------|--|--------------------------|--------------------------|--|
| | | 0 | ! 0 0 0 | 0 | |
| | | | SIGNAL CHANNEL 132 | RESERVED | 4 BYTE —— |
| | | TSB CHANNEL 102 <u>120</u> | SIC CHA | CAS 136 | 4 BITS |
| | | TSB CHAI | DATA CHANNEL 130 | DS-0 134 | —————————————————————————————————————— |
| | | | NAL VNEL 32 | RESERVED | A-BITS- |
|) | TRAFFIC | NNEL 101 20 | SIG CHAI | CAS 136 | 4 BITS-> |
| • | SERVICE | SERVICE TRAFFIC TSB CHANNEL 101 120 DATA SIGN CHANNEL CHAN 130 130 130 130 CAS | DS-0 134 | ——8 BITS—— ——1 BYTE—— | |
| | | | NAL INEL 32 | RESERVED | 4 |
| | | TSB CHANNEL 100 120 | SIGNAL CHANNEL 132 | CAS 136 | 4 BITS-> |
| | | TSB CHA | DATA CHANNEL 130 | DS-0 134 | BITS— BYTE— |
| | | 0 0 | 0 | 0 | |

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FIG. 6

| | TSB TSB CHANNEL 124 | SC DC - | 130 132 000 | D+ CHANNEL | DS-0 | BYTES BYTES |
|-----------------|-------------------------------|----------|----------------------|------------|----------|-------------|
| FIC | TSB CHANNEL 116 ° ° ° ° | SC | NOIL | 0 0 | 0 0 | BYTES BYTES |
| SERVICE TRAFFIC | CHAN | DC ° | ISDN CONNECTION 140 | D CHANNEL | 1/4 DS-0 | +14 |
| | TSB CHANNEL 108 120 | SC DC | | B CHANNEL | DS-0 | -14 |
| | TSB CHANNEL 100 120 | SC - | 130 132 | B CHANNEL | DS-0 | BYTES |



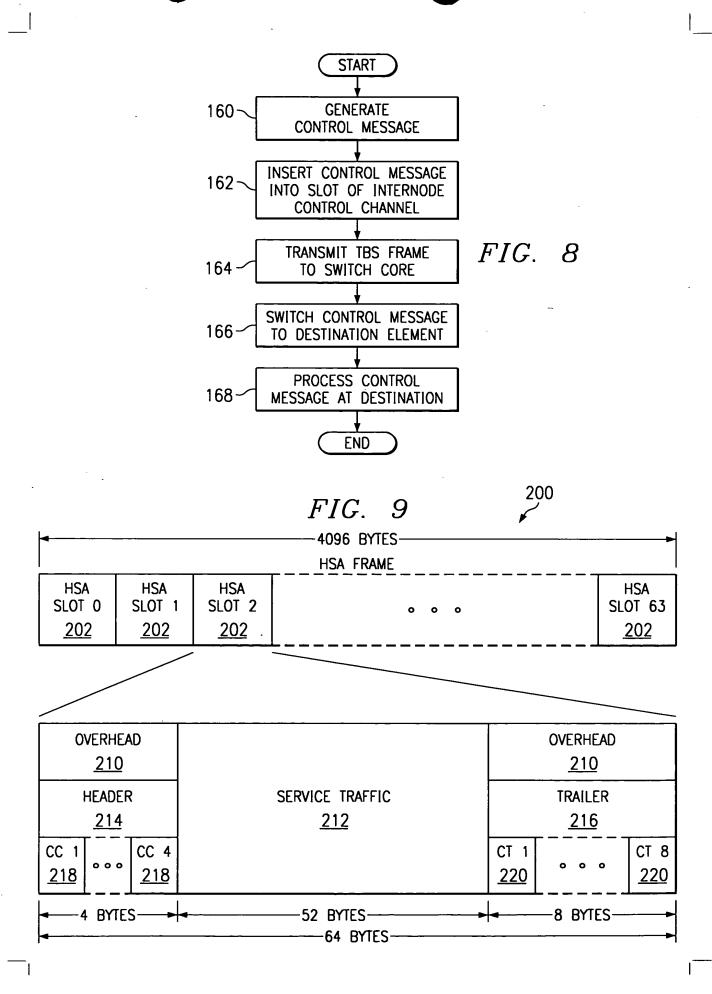
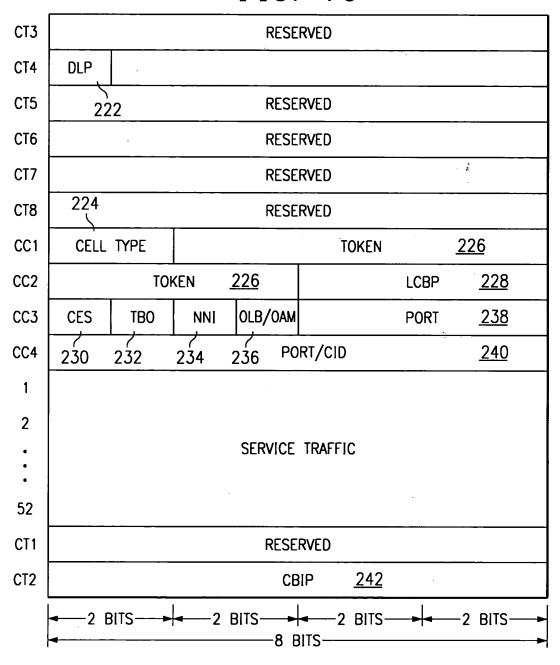
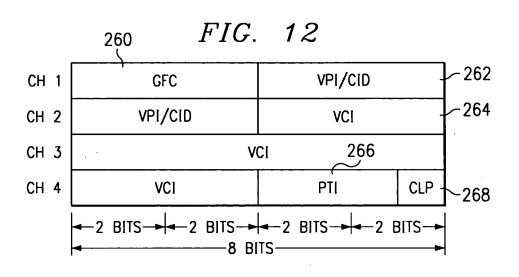


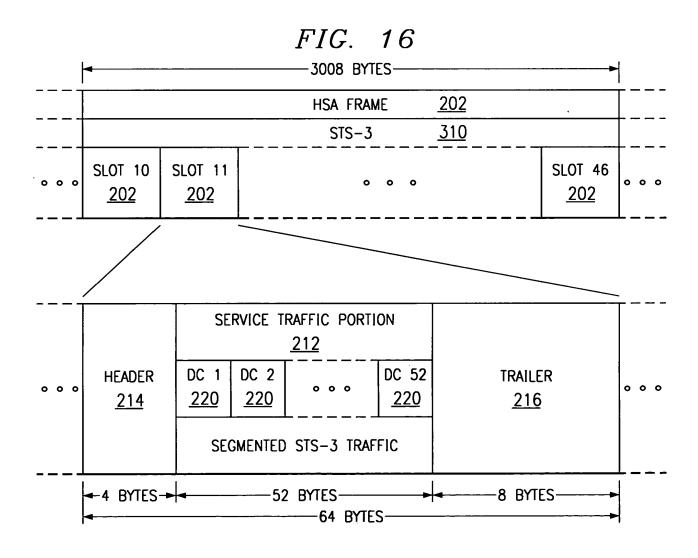
FIG. 10



²12 *FIG.* 11

| 000 | 250 SERVICE TRAFFIC 252 | | | | | 0 0 | 0 0 | | |
|-----|-------------------------|------------|----------|--------|--------|------|----------|-----|-----|
| 000 | CELL HEADER CEL | | | | PAY | LOAD | | 0 | 0 0 |
| 000 | CH ° | 。。 CH 4 | CP 1 | • • | • • | 0 | CP 48 | 0 0 | - |
| . | 4 E | BYTES | - | 48 | BYT | ES | - | | |





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DS-0 43 44 298 ല 294 TELEPHONY VOICE 286 282 DS-0 1 AAL PAYLOAD 298 2 AAL CELL 0S-0 0 212 298 CASF FIG. 13 SERVICE TRAFFIC \aleph TELEPHONY CONTROL 0 0 290 296 296 SNP CASA CASB SC 1SC 292 AAL PAYLOAD HEADER 284 SS 유 4 280 CELL HEADER 0 :

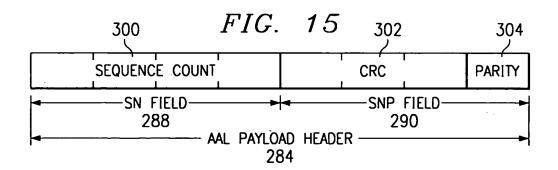
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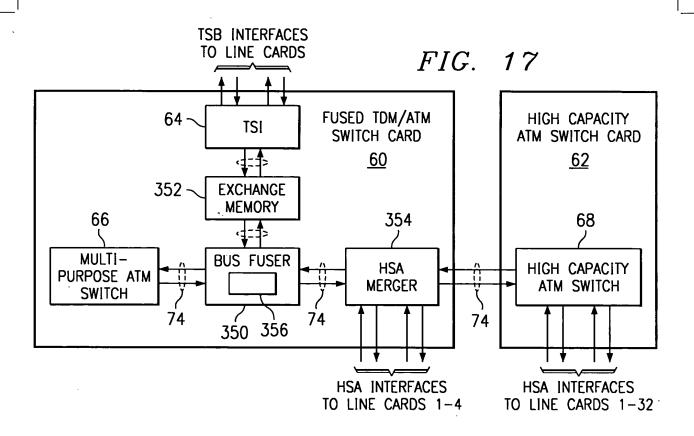
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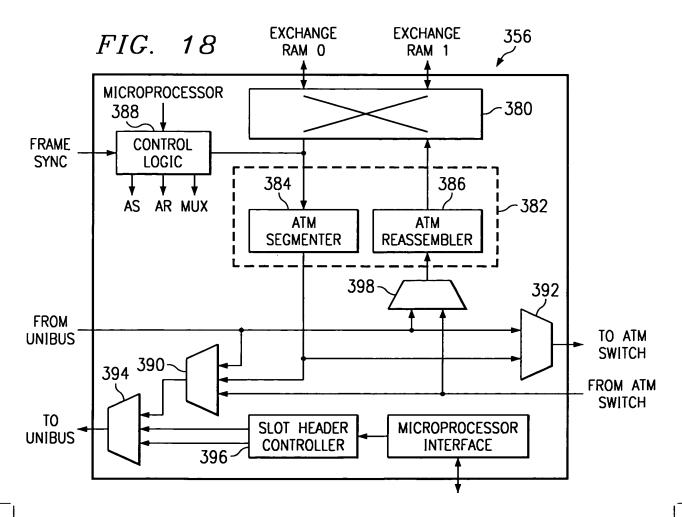
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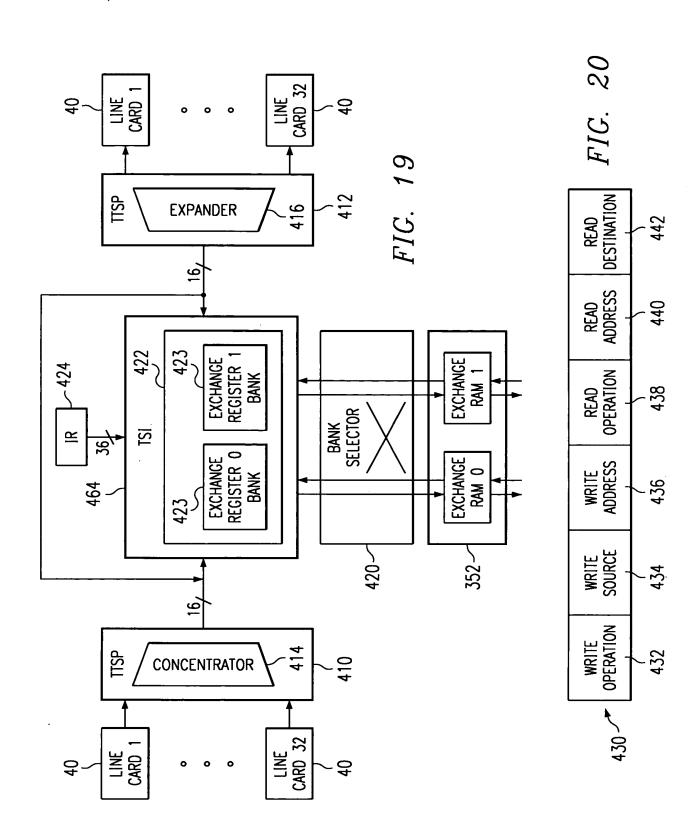
FIG. 14 DSO-n VALUE ASSOCIATED WITH CAS $_{
m N}$ POSITION TO SN VALUE

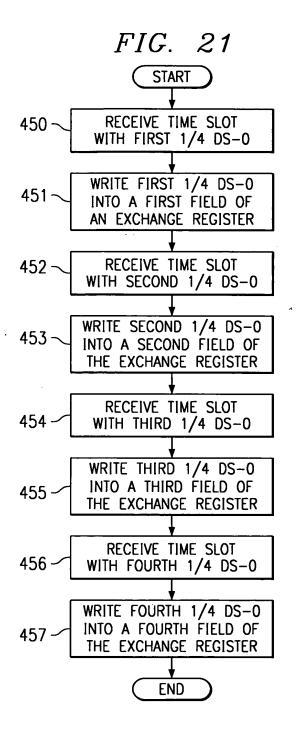
| SN | CASA | CASB | CASC | CASD | CASE | CAS _F |
|----|------|------|-------|------|------|------------------|
| 0 | 0 | 1 | 2 | 3 | 4 | 5 |
| 1 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2 | . 6 | 7 | 8 | 9 | 10 | 11 |
| 3 | 9 | 10 | 11 | 12 | 13 | 14 |
| 4 | 12 | 13 | 14 | 15 | 16 | 17 |
| 5 | 15 | 16 | 17 | 18 | 19 | 20 |
| 6 | 18 | 19 | 20 | 21 | 22 | 23 |
| 7 | 21 | 22 | 23 | 24 | 25 | 26 |
| 8 | 24 | 25 | 26 | 27 | 28 | 29 |
| 9 | 27 | 28 | 29 | 30 | 31 | 32 |
| 10 | 30 | 31 | 32 | 33 | 34 | 35 |
| 11 | 33 | 34 | 35 | 36 | 37 | 38 |
| 12 | 36 | 37 | 38 | 39 | 40 | 41 |
| 13 | 39 | 40 | 41 | 42 | 43 | UNDEF |
| 14 | 42 | 43 | UNDEF | 0 | 1 | 2 |
| 15 | 0 | 1 | 2 | 3 | 4 | 5 |

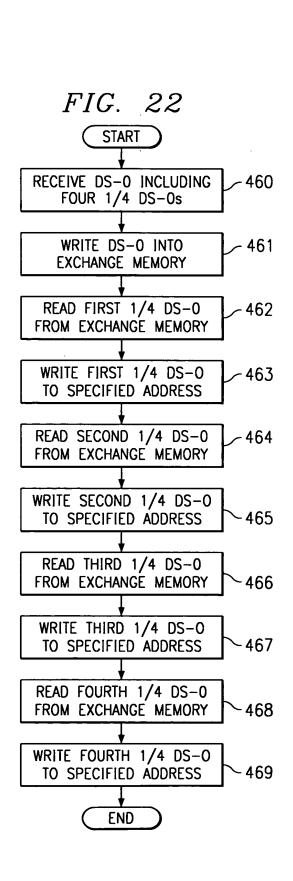












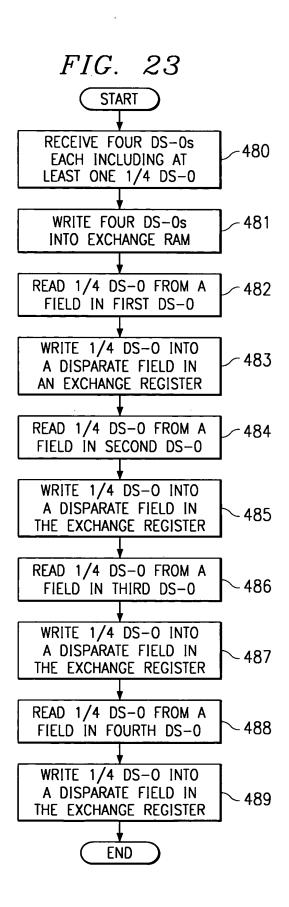
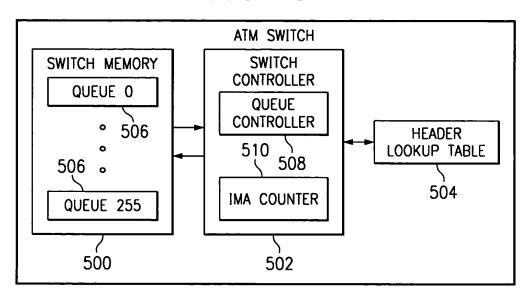
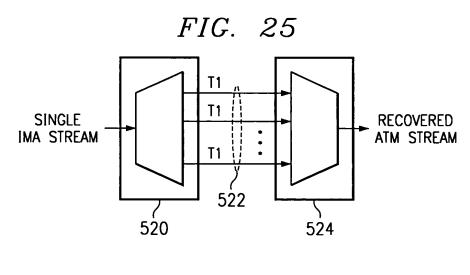
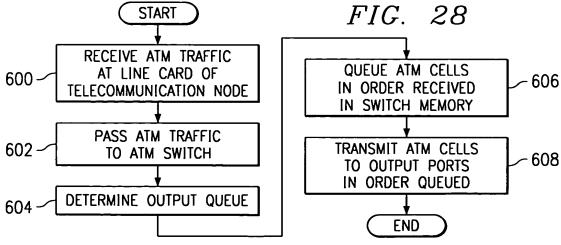
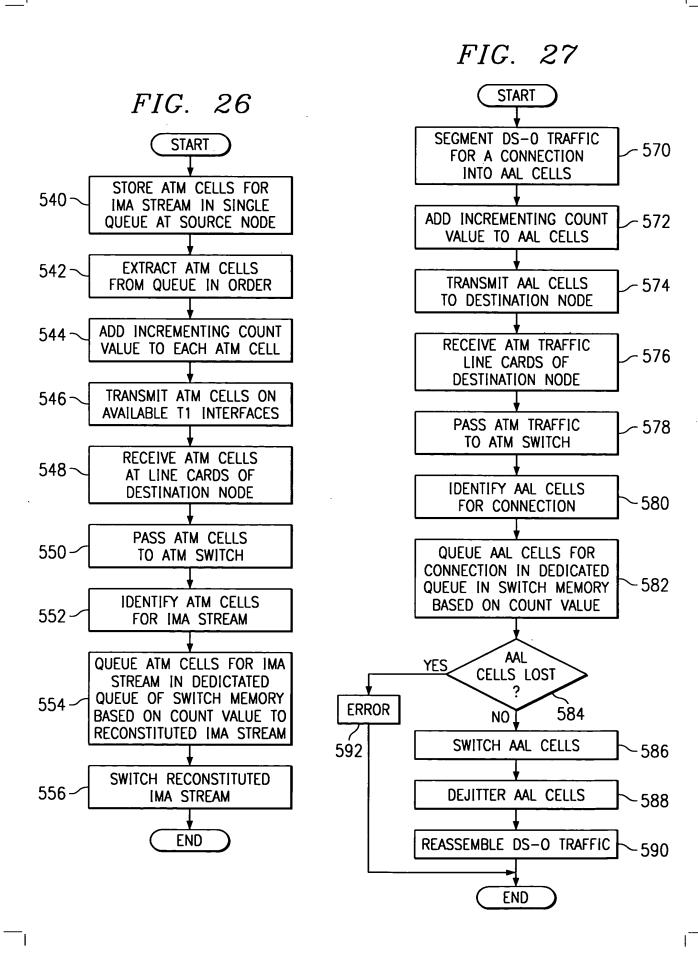


FIG. 24









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